

Jerry K. Lay
Jerry Lay Aviation, LLC

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EXPERIENCE: (Civilian)

9/2007–Present: Jerry Lay Aviation, LLC, Minonk, IL, President,

- ❖ Aeronautical Consulting Specializing in Helicopter EMS Operations- evaluating patient and aircraft requirements for a helicopter EMS service; design business model that will best suit the client; develop RFP process for contractor bid application; development and design of hospital heliports and helicopter EMS hanger facilities; safety evaluation of helicopter EMS operations, training and maintenance.
- ❖ Pre-Purchase Evaluations and Inspections - assist clients in determining the mechanical and operation condition of potential helicopters and equipment.
- ❖ Development and implementation of FAA Part 135 Helicopter EMS certificate.
- ❖ Pilot Testing as an FAA Designated Pilot Examiner (since 1988) - administer practical tests to helicopter pilot applicants seeking Private Pilot, Commercial Pilot, Air Transport Pilot, Instructor Pilot Certificates and Helicopter Instrument Ratings.
- ❖ Helicopter accident investigation and expert witness in helicopter accident litigation.
- ❖ Commercial and Private (RLA) (Hospital/EMS) Heliport design and certification

9/2006–3/2007: OSF Aviation, LLC, OSF St. Francis Hospital Peoria, IL
Director of Operations

- ❖ Served as Director of Operations of a program that operates 4 multi-engine single pilot IFR/VFR EMS helicopters.
- ❖ Developed a complete FAA approved Part 135 EMS program.
- ❖ Served as Check Airman (IFR/VFR) and Flight Instructor for the 135 Program.
- ❖ Acquired a Chief Pilot, Director of Maintenance, 12 pilots and 4 mechanics.
- ❖ Served as technical member of design committee to build an all weather hospital helipad to include an automated snow and ice melt system that would service and support 2 twin engine helicopters simultaneously.
- ❖ Served as technical member of committee in the design and building of a hanger facility that houses 4 twin engine helicopters, complete maintenance facilities, EMS crew quarters, meeting & training rooms and administration offices.
- ❖ Contracted for and aided in the design of a private Copter RNAV (GPS) instrument approach to the OSF St. Francis hospital helipad.

9/2002–8/2006: CJ Systems Aviation Group. West Mifflin, PA.
Duty Station: OSF St. Francis Hospital, Peoria, IL
EMS Helicopter Pilot/Instrument Training Pilot

- ❖ Performed duties as day, night, VFR and Single Pilot IFR (SPIFR) EMS helicopter pilot in multi-engine helicopters.
- ❖ Instrument Training Pilot.

1/1986 – 8/2002: Illinois Department of Transportation, Division of Aeronautics
Springfield, IL (Peoria, IL Base of Operations)
Helicopter Pilot, Training Pilot

- ❖ Helicopter Pilot of a base of operations remote from the Springfield headquarters responsible for coordinating and providing helicopter transportation for individuals of multiple State agencies.
- ❖ Served as a helicopter pilot for 3 different governors of the State of Illinois
- ❖ Served as SPIFR EMS State helicopter pilot providing helicopter EMS services as needed anywhere within the State of Illinois.
- ❖ Developed and executed IFR and VFR training programs for State helicopter pilots.
- ❖ Flew as a search and rescue pilot for State agencies during numerous emergency situations that included river rescue, floods, blizzards, lost citizen search, automobile accidents etc.
- ❖ Guest speaker at many State and Civilian activities, FAA Wings Programs, and training events.

3/1994 – 12/1996: APEX Aviation Bloomington, IL
 Chief Pilot (Helicopter), Check Airman IFR/VFR (Helicopter)

- ❖ Developed an FAA approved Helicopter IFR/VFR Part 135 program.
- ❖ Performed duties as chief pilot.
- ❖ Executed the training program as a flight instructor for the multi-engine helicopter portion of the Part 135 program.
- ❖ FAA approved Check Airman--Helicopter for the 135 operation.
- ❖ Sought and secured pilot and mechanic helicopter training contracts.

12/1976 – 1/1986: Rainbow Helicopters, Inc. Peoria, IL
 Vice President/General Manager (FAA Parts 43, 61, 91, 135, 137)

- ❖ Along with 2 partners, established a commercial helicopter operation in Peoria, IL.
- ❖ Designed and built a hanger facility capable of housing 5 helicopters.
- ❖ During my tenure there, served as Director of Operations, Chief Pilot and Director of Maintenance for the FAA Approved Part 135 Operation.
- ❖ As chief pilot I was approved as a Part 137 Agricultural Operator and was responsible for the hiring and training of pilots for the agricultural operation.
- ❖ Secured licensing for Agricultural Operations in 5 States.
- ❖ Developed a complete helicopter maintenance facility capable of major overhaul & repair.
- ❖ Established several RLA Heliports and 1 Commercial Heliport.

CERTIFICATES AND RATINGS:

Air Transport Pilot

 Rotorcraft-Helicopter

 Type Rating- BV234

Commercial Privileges

 Airplane Single Engine Land

 Airplane Multi Engine Land

 Instrument Airplane

Certified Flight Instructor

 Rotorcraft-Helicopter

 Instrument Helicopter

Designated FAA Pilot Examiner authorized for the testing , evaluation and certification of the following certificates and ratings:

 Private Rotorcraft-Helicopter

 Commercial Rotorcraft-Helicopter

 ATP Rotorcraft-Helicopter

 Instrument Rotorcraft-Helicopter

 Flight Instructor- Rotorcraft-Helicopter (Initial, Renewal, Reinstatement)

 Designation Authorization for 8 different helicopters

Certificated Airframe & Powerplant Mechanic

EXPERIENCE: (Military)

March 1969-March 2007

Graduate of US Army Rotary Wing Aviation Course
Combat Helicopter Pilot- C/3/17 Air Cavalry-Republic of Vietnam (1970-'71)
Graduate of US Army Safety Officer's Course Ft. Rucker, Alabama
Served as Aviation Safety Officer from the Detachment level to Battalion Size Units
Graduate of US Army Air Crew Coordination (CRM) Instructor Course
Toured for the Army National Guard with a team of 4 other ACC instructors as a lecturer, speaker and instructor
Graduate of Army Aviation Maintenance Officer (AMOC) Test Pilot Course
Served as the State Army Aviation Safety Officer of the Illinois Army National Guard responsible for the Safety Programs, Training, and Operations of all the Army National Guard assets and personnel in the Illinois Army National Guard.
Flew 14.5 month combat tour of duty in Iraq flying CH-47D Chinook helicopters as NVG mission Pilot In Command (PIC) and Maintenance Test Pilot (MTP)
Retired from military as Chief Warrant Officer 5 (CW5) in March 2007 (38 years Military service)
Military Citations include:
Distinguished Flying Cross
Purple Heart
Bronze Star (with "V" device)
Air Medals (with "V" device)
Numerous Combat Air Medals
Meritorious Service Medal

FLIGHT EXPERIENCE: (Flight Hours)

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| 15,000+ Total Flight Hours | 14,500+ Pilot-In-Command |
| 1,900 Multi-Engine Helicopter | 2,100+ Night |
| 8500+ Turbine Helicopter | 450 Actual Instrument |
| 1,800+ Flight Instructor | 600+ Night Vision Goggle (NVG) |

EDUCATION:

US Army Rotary Wing Warrant Officer Aviation Course, Ft. Rucker, Alabama-1970
Illinois State University- Normal, Illinois
Bachelor of Science in Safety/Industrial Technology, 1981
FAA Pilot Examiners Academy-Oklahoma City, Oklahoma, 1988
Bell Helicopter Factory School (BH206/206L) Irving, Texas, Regularly since 1988
US Army CH-47 Chinook Transition Course Ft. Rucker, Alabama-1991
Army Aviation Maintenance Officer/Test Pilot Course Ft. Eustis, VA 1993
Agusta Helicopter Factory Ground and Flight Course Pennsylvania & Illinois, 1994
US Army CW5 Course 2004
Robinson Factory Helicopter Safety Course, Ground & Flight, 2008
Robinson Helicopter Factory R22/R44Maintenance Course, 2009